WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.	 _
PCT/US04/01721	

Box N	No. I Basis of this opinion
_	regard to the language, this opinion has been established on the basis of:
	the international application in the language in which it was filed
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With clain	n regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the ned invention, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	оп рарег
	in electronic form
c.	time of filing/furnishing
ı	contained in the international application as filed.
	filed together with the international application in electronic form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additi	ional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/01721

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. Statement		_			
Novelty (N)	Claims	1-22		YES	
·		NONE		NO	
·					
Inventive step (IS)	Claims				
	Claims	NONE		NО	
Industrial applicability (IA)	Claims	1_22		YES	
moustral approachity (111)		NONE	•	NO	
2. Citations and explanations:					
Claims 1-22 meet the criteria set out in PCT Article 33	3(2)-(3), beca	ause the prior art does	not teach or fairly sugges	st vertical channel	
finfets with a vertical gate on an insulating substrate.					
Claims 1-22 meet the criteria set out in PCT Article 33 can be made or used in industry.	(4), and thu	s have industrial applic	cability because the subject	ct matter claimed	
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PATENT COOPERATION TREATY

INTERNATIONAL SEARCHING AUTHO	PRITY		REC'D 0 8 DEC 2005			
To: DANIEL H. SCHNURMANN INTERNATIONAL BUSINESS MACHINES CORPORATION HUDSON VALLEY RESEARCH PARK 2070 ROUTE 52 HOPEWELL JUNCTION, NEW YORK 12533-6531		PCVIPO PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
•••			(PCT Rule 43bis.1)			
		Date of mailing (day/month/year)	05 DEC 2000			
Applicant's or agent's file reference FIS920030347		FOR FURTHER	R ACTION See paragraph 2 below			
	international filing date					
PCT/US04/01721 2	22 January 2004 (22.01.	2004)				
International Patent Classification (IPC) or	both national classification	tion and IPC				
IPC(7): H01L 29/786, 21/336, 21/8238 and Applicant	d US Cl.: 257/66, 329,	338, 351; 438/199	, 268			
		•	',			
INTERNATIONAL BUSINESS MACHIN	ES CORPORATION		<u> </u>			
1. This opinion contains indications relating	-	os:	ï -			
	Box No. I Basis of the opinion					
Box No. II Priority	Box No. II Priority					
Box No. III Non-establishn	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of unity of	Lack of unity of invention					
Box No. V Reasoned state applicability; c	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain docume	Certain documents cited					
Box No. VII Certain defects	Certain defects in the international application					
Box No. VIII Certain observa	ations on the internation	al application				
2. FURTHER ACTION						
international Preliminary Examining A	Authority ("IPEA") exc IPEA and the chosen IF	ept that this does EA has notified the	be considered to be a written opinion of the not apply where the applicant chooses an e International Bureau under Rule 66.1bis(b) lered.			
If this opinion is, as provided above, con IPEA a written reply together, where mailing of Form PCT/ISA/220 or before For further options, see Form PCT/ISA/	appropriate, with ame the expiration of 22 m	ndments, before th	PEA, the applicant is invited to submit to the see expiration of 3 months from the date of ority date, whichever expires later.			
3. For further details, see notes to Form PC	CT/ISA/220.					
Name and mailing address of the ISA/ US	Date of completion	on of this	Authorized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	opinion		Edgardo Ortiz			
P.O. Box 1450 Alexandria, Virginia 22313-1450	03 November 200	05 (21.11.2005)	Telephone No. (571) 272 1620			

Facsimile No. (571) 273-3201
Form PCT/ISA/237 (cover sheet) (April 2005)